

SHARP®



MX-M850
MX-M950
MX-M1100

UNITING PRODUCTION AND THE WORKGROUP

Designed for high-volume production environments, the new MX-M850/M950/M1100 Series Document Systems deliver **lightning-fast output** with robust **multi-tasking performance**, so your workflow never misses a beat. With a standard paper capacity of 3,000 sheets—expandable to 8,050 sheets, the MX-M850/M950/M1100 series document systems can manage large scale jobs with incredible efficiency. Plus, a **flexible paper handling** system combined with a wide range of supported media allows these powerful performers to meet the needs of any high-volume production environment.



BREAKTHROUGH PERFORMANCE

Professional finishing

The MX-M850/M950/M1100 Series Document Systems offer several modular finishing options to automate your output as well as give your documents a professional appearance. The optional **100-Sheet Stapler Finisher** speeds through large projects, giving you complete control over deadlines. The **15-Sheet Saddle Unit** can center staple documents to create professional looking booklets on letter, legal, ledger or 12" x 18" size paper. For even more versatility, the MX-M850/M950/M1100 offers modular options for **Z-Folding**, **Inserting** and **Hole-Punching**, which includes a **GBC® SmartPunch™**.

Easy-to-use touch screen display

The MX-M850/M950/M1100 document systems utilize a 10.4" (measured diagonally) touch-screen color display, which offers large **easy-to-read** text and icon-driven graphics, as well as large easy-to-see menus that are intuitive and easy to navigate.



High efficiency scanning

For optimum productivity, the new MX-M850/M950/M1100 Series Document Systems offer Sharp's award winning **Scan² technology**. This innovative technology utilizes dual scan heads to simultaneously scan both sides of a document in a single pass, minimizing paper misfeeds and improving reliability.



A leader in security

To help protect your data, the MX-M850/M950/M1100 offers several layers of security, making Sharp the optimum choice to help protect employee privacy and intellectual property.* As a leader in office equipment security, Sharp makes it easy for any business or government entity to safely deploy digital copying, printing, scanning and faxing.

Integrated network scanning

With Sharp's powerful ImageSend technology, you get one-touch distribution features that centralize document workflow, help reduce mail costs and save time. With up to seven destinations—E-mail, Desktop, FTP, Network Folder (SMB), USB, Fax and Internet Fax—getting your document where it needs to go is as easy as pushing a button.*

Get more out of your business applications with Sharp OSA® technology

The MX-M850/M950/M1100 Series Document Systems provide powerful functionality for your business so you can immediately leverage your previous investments in data management infrastructure. While others are limited to a small circle of productivity, Sharp's newest innovation, the Sharp OSA development platform, allows users to leverage the power of their back-end systems right from the control panel.

**Some features require optional equipment.*

MX-M850 MX-M950 MX-M1100 SPECIFICATIONS

Main Specifications

Base Model	High speed monochrome digital document system console with 64 bit multi-tasking controller; includes 80 GB hard drive with document filing, 250-sheet Duplexing Single Pass Feeder and 3000 sheet paper capacity.			
Functions	Copy, print, network print, network scan, and fax ¹			
Copy System	Dry electrostatic transfer system with organic photo conductor, magnetic brush dual-component developing system and heat roller fusing.			
Original Size (Max)	11" x 17" (sheets or bound documents)			
Copy Size	Min. 5 1/2" x 8 1/2", Max. 12" x 18"			
Copy Speed (pages per minute)	Paper size	MX-M850	MX-M950	MX-M1100
	8 1/2" x 11"	85	95	110
	8 1/2" x 11R"	64	70	79
	8 1/2" x 14"	54	59	68
	11" x 17"	47	51	59
	12" x 18"	42	48	57
First Copy Out Time	MX-M850: 4.0 seconds or less; MX-M950/M1100: 3.2 seconds or less (Based on letter size original scanned from the glass with polygon motor running)*			
Warm Up Time	240 seconds or less*			
Copy Settings	Variable Zoom: 25% to 400% (with DSPF 25%-200%); 9999 continuous copy			
Fixed Magnification	25%, 50%, 64%, 77%, 100%, 121%, 129%, 200, 400%			
Original Feed System	250-sheet Duplex Single Pass Feeder (DSPF) with mixed size original detection Original Sizes: 5 1/2" x 8 1/2", 8 1/2" x 11", 8 1/2" x 11" R, 8 1/2" x 14", 11" x 17" Original weight: 11 to 54 lb. bond (17 lb. vellum to 110 lb. index). Capacity based on 21 lb. bond, letter size			
DSPF Scan Speed (Letter Size)	MX-M850: 85 images per minute MX-M950/M1100: 120 images per minute			
Paper Feed System	Standard: 3,000-sheet large capacity tray with (3) drawers. Includes 2,000 sheet letter size tandem tray (drawer 1), 500-sheet multi-purpose tray (drawer 2) and 500-sheet multi-purpose tray (drawer 3). Optional: 4,550-sheet letter/statement size tray with (3) drawers, 4,000-sheet ledger size multi-purpose tray with (3) drawers, 3,500-sheet letter size large capacity tray, 3,000-sheet ledger size multipurpose large capacity tray, 500-sheet bypass tray or 100-sheet bypass tray (some options not available with all configurations).			
Paper Sizes	5 1/2" x 8 1/2", 7 1/4" x 10 1/2"R, 8 1/2" x 11", 8 1/2" x 11"R, 8 1/2" x 13", 8 1/2" x 14", 9" x 12", 11" x 17", 12" x 18"			
Paper Types	Standard paper trays: 16 lb. bond to 110 lb. index, includes plain paper, heavy paper, recycled, pre-printed, pre-punched colored, and letterhead. Optional paper trays: 16 lb. bond to 170 lb. index, supports same as standard trays; also supports thin paper, transparency, tab and label paper through bypass tray.			
Duplexing	Automatic trayless; supports 16 lb. bond to 110 lb. index; paper types include plain paper, heavy paper, recycled, pre-printed, pre-punched colored, and letterhead.			
CPU	MX-M850: 868 MHz RISC processor MX-M950/M1100: 992 MHz RISC processor			
Standard Memory	1.28 GB memory (shared)			
Hard Disk Drive	80 GB; 40 GB partition for document filing/40 GB partition for copy/print/scan operations			
Copy Resolution	Scan: 600 x 600 DPI (Max.), output: 600 x 600 dpi			
Exposure Modes	Text mode, text/printed photo mode, printed photo mode, text/photo mode, photo mode; map mode, light original mode, auto exposure control or 9 step manual.			
Copy Features	Scan-Once Print-Many, Electronic Sorting, Auto Paper Selection (APS), Auto Magnification Selection (AMS), Auto Tray Switching, Rotation Copy, Job Reservation, Tandem Copy, Margin Shift, Job Build, Edge Erase, Center Erase, Dual Page Copy, Cover Pages, Insert Pages, Tab Paper Insert, Transparency Insert, Card Shot, Multi-Shot, Reverse Image, Mirror Image, Multi-Page Enlargement, Proof Copy, Photo Repeat, Document Filing, User Account Control, Job Programs, Date Print, Page Print and Text Print.			
Account Control	1,000 user accounts			
Job Build	Up to 10,000 sheets			
Output Tray	Standard output tray capacity: 250 sheets			
Display	10.4" touch-screen LCD with 256 colors and fluorescent tube back light			
Interface	USB-2.0 (full speed): 1 port, USB-2.0 (high speed): 1 port 100BaseT/10BaseT Ethernet with RJ-45 connection: 1 port			

* May vary depending on product configuration, machine settings and operating and/or environmental conditions.

¹ Some features require optional equipment.

² Dimensions and weight include DSPF and operation panel.

³ PDF and Encrypted PDF require optional PS3 Expansion Kit.

⁴ Based on ITU Test chart #1 in standard resolution; actual transmission time will vary based on line conditions.

Main Specifications continued)

Network Operating	Windows® 98, Windows Me, Windows XP, Windows XP x64, Windows NT® (SP5 or later), Windows 2000, Windows Server® 2003, Windows Server 2003 x64, Windows Vista™, Windows Vista x64, Unix®, Novell® NetWare® 3.14.x/5.x, MAC OS® 9.x, MAC OS X
Network Protocols	TCP/IP, IPv6, IPsec, SSL, SMTP, FTP, SMB, IPX/SPX, and AppleTalk® for Macintosh® environments.
Firmware	Flash ROM with USB and network update capability
Device Management	Web based device setup, management and authority control; Administrator level and User level login access
Power Requirement	208-240 VAC, 60 HZ, 16 Amps
Power Consumption	MX-M850: Max 2.4 KW or less, pre-heat 160 W or less, sleep mode 20 W or less; MX-M950: Max 3.5 KW or less, pre-heat 178 W or less, sleep mode 20 W or less; MX-M1100: Max 3.5 KW or less, pre-heat 205 W or less, sleep mode 20 W or less
Weight	Approx. 662 lbs. (main unit) ²
Dimensions	64 7/8" (w) x 30 1/8" (d) x 58 1/3" (h) ²

Printing System Expansion Kit (option)

Emulation	PCL6 (XL), PCL5e, optional PS3
Resolution	1200 x 1200 DPI, 600 x 600 DPI
Print Speed	MX-M850: 85 PPM, MX-M950: 95 PPM, MX-M1100: 110 PPM (8 1/2" x 11")
Print Drivers	Windows 98, Windows Me, Windows NT4.0 (SP5 or later), Windows 2000, Windows XP, Windows XP x64, Windows Server 2003, Windows Server 2003 x64, Windows Vista and Windows Vista x64. MAC® PPD (optional), MAC OS9, MAC OS X.
Features	Duplex Print, Pamphlet Print, Binding Edge, N-up print, Fit-to-Page, Margin Shift, Poster Print, Rotate Print, Zoom, Mirror Image, Overlay, Different Paper Insert, Transparency Insert, Tab Print, Chapter Inserts Print, Paper Fold Print, Reverse Order, Tandem, Watermarks, PIN Print, Print Hold, Proof Print, Print Audit, Graphics Mode Selection, Continuous Print, and Font/Form Downloads (Some features not available on all print drivers). ¹
Direct Printing	PDF/Encrypted PDF/TIFF/JPEG print, E-mail print, FTP Pull Print, USB Pull print, Web-Page file print ³
Resident Fonts	80 roman outline fonts standard
Printing Protocols	LPR, IPP, PAP, Raw TCP (port 9100), FTP, NetBEUI, Novell Pserver/Printer, HTTP, POP3, SSL.
Network Security	IP/MAC Filtering, Protocol Disable, User Authentication.

Network Scanner Expansion Kit (option)

Maximum Original Size	Up to 11" x 17"
Scan Output	200 dpi, 300 dpi, 400 dpi, 600 dpi
Image Formats	Monochrome: TIFF, PDF Color: Encrypted PDF, TIFF, JPEG, PDF
Image Compression	Monochrome: Uncompressed, G3 (MH), G4 (MR/MMR) Color/Grayscale (option): High/Middle/Low
Scan Destinations	E-mail, Desktop, FTP, SMB (network folder), USB, URL, Internet fax, G3 fax ¹
Inbound Routing	G3 Fax to E-mail, Internet Fax to E-mail
One-touch Destinations	Up to 999
Group Destinations	Up to 500
Programs	48
Network Protocols	TCP/IP (includes SMTP, LDAP, FTP, POP, SMB, ESMTP)
Network Security	E-mail server authentication and user account control, SSL.
Software	Sharpdesk® document management (10 user license)

Super G3 Fax Kit (option)

Transmission Mode	Super G3, G3
Modem Speed	33.6 KBPS ⁴
Compression Methods	JBIG, MMR, MR, MH
Max. Transmit Resolution	400 DPI (ultra-fine)
Transmission Speed	Approximately 2 Seconds with JBIG ⁴
Auto dial Destinations	Up to 999 (combined with scan destinations)
Group Dial/Destinations	Up to 500
Long length Originals	Up to 31.5" (for transmission)
Memory	8 MB standard
Features	Inbound Routing, Forward To Administrator, F-Code, Quick On-Line, Rotation Transmit, Anti-Junk Fax, and PC Fax. ¹

100 Sheet Stapler Finisher

MFP Models Supported	MX-M850; MX-M950; MX-M1100
Output Capacity	Upper tray: 500 sheets (letter, letter-R, statement size) Lower tray: Offset stack tray; 3,000 sheets (letter size)
Stapling Positions	Top, top slant, bottom or 2 staples on side
Stapling Capacity	100 sheets (20 lb. bond; letter size)
Hole Punch	Optional 3 hole punch unit
Power Consumption	120 W or less
Weight	Approx. 160 lbs.
Dimensions	31 3/4" (w) x 28 3/4" (d) x 38 3/4" (h)

50 Sheet Stapler Finisher

MFP Models Supported	MX-M850
Output Capacity	Upper tray: 250 sheets (letter, statement size) Lower tray: Offset stack tray; 3,000 sheets (letter size)
Stapling Positions	Top, top slant, bottom or 2 staples on side
Stapling Capacity	50 sheets (20 lb. bond; letter size)
Hole Punch	Optional 3 hole punch unit
Power Consumption	96 W or less
Weight	Approx. 101 lbs.
Dimensions	25 1/4" (w) x 24 1/4" (d) x 37 7/8" (h)

Saddle Stitch Finisher

MFP Models Supported	MX-M850
Output Trays	Upper tray: Offset stack tray Lower tray: Book tray for saddle stitch
Output Capacity	Upper tray: 250 sheets (letter, statement size) Lower tray: 2,000 sheets (letter size)
Stapling Capacity	50 sheets (20 lb. bond; letter size)
Stapling Positions	Top, top slant, bottom or 2 staples on side
Saddle Stitch Function	Centerfold (2 staples); up to 12" x 18" paper sizes
Saddle Stitch Capacity	15 sheets/10 sets; 10 sheets/15 sets; 5 sheets/30 sets
Power Consumption	96 W or less
Hole Punch	Optional 3 hole punch unit
Weight	Approx. 134 lbs.
Dimensions	25 1/4" (w) x 24 1/4" (d) x 37 7/8" (h)

Optional Equipment

MX-LCX4	4,550-Sheet Large Capacity Three Draw Tray (letter)
MX-LCX5	4,000-Sheet Large Capacity Three Draw Tray (ledger)
MX-LCX6	3,500-Sheet Large Capacity Tray (letter) ¹
MX-LCX3N	3,000-Sheet Large Capacity Tray (ledger) ¹
MX-MFX1	100-Sheet Bypass Tray
MX-MFX2	500-Sheet Bypass Tray
MX-FNX5	100-Sheet Stapler Finisher
MX-FNX6	50-Sheet Stapler Finisher
MX-FNX7	Saddle Stitch Finisher
MX-FNX8	Saddle Unit (Booklet Maker) ¹
MX-CFX2	Insert Unit ¹
MX-FDX1	Folding Unit ¹
MX-PNX3B	Hole Punch Module (for MX-FNX5)
MX-PNX4B	Hole Punch Module (for MX-FNX6 and MX-FNX7)
MX-GBCX1	GBC SmartPunch Module
MX-PBX2	PCL6 Printer Expansion Kit
MX-PKX4	PS3 Expansion Kit ¹
MX-NSX1	Network Scanner Expansion Kit
MX-EBX1	Color Expansion Kit (for scanning) ¹
MX-AMX1	Application Integration Module ¹
MX-AMX2	Sharp OSA Application Communication Module ¹
MX-AMX3	Sharp OSA External Accounting Module ¹
MX-FWX1	Internet Fax Expansion Kit ¹
MX-FXK1	Super G3 Fax Expansion Kit
AR-SU1	Stamp Unit
AR-PF1	Bar Code Font Kit ¹
MX-FRX8U	Commercial Data Security Kit
MX-FRX8	Common Criteria Data Security Kit

Supplies

MX-850NT	Toner Cartridge
MX-850NV	Developer
MX-850NR	OPC Drum
AR-SV1	Stamp Cartridge

For more information, contact Les Olson Company: 800-365-8804 • www.lesolson.com



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